

SOUTH PRODUCTION NOTES

**January 26, 2014
Morning Shift**

**BASF EMPLOYEES
64 Last Recordable
209 Last Lost Time**

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.

Make everyone aware that if we continue to make batches and DO store them in Building 27.....This will require the building to be regulated !

#1 MED Si-1624: Continue running

Day shift: Need: Continue.

Afternoon Shift: Continued to run.

Midnight shift: Continue to run.

#1 RC / Si-1624: Should be ready.

Day shift: Hold: Trimer issues

Afternoon Shift: Tried to start the feed, but could not find any 118 bags.

Midnight shift: Found 118 bags at the rail shed and started the feed on the calciner.

Exhaust to F-1

#2 MED line/ Cu-1230: On hold....both end seals leaking badly

Day Shift: Hold, end seals leaking badly. Work notification written.

Afternoon Shift: On hold.

Midnight shift: On hold.

#2 RC/ Cu 1230: Calciner being shut down. Maintenance needs to take the dam out. A work order has been written. Maintenance will not be working on the gear box. The replacement gear box is ordered with approximately a month lead time. Original prognosis was a gear box leak possibly due to overfilling. We will run and monitor until the replacement gear box comes in.

Day shift: Went back and forth all day on the situation. Have been working on getting temperatures in control.

Afternoon Shift: Calciner shut down. Need to take the dam out. A work order has been written.

Midnight Shift: No activity

Exhausting to CTO

#3 MED line / D-1798 NAQ: Continue on.

Day shift: Mixer issues from Friday night corrected...continue with batches (HIGH PRIORITY – KEEP RUNNING!!)

Afternoon Shift: Continued on.

Midnight Shift: Started to draw material with the wand that was installed by Lucas up on the third floor. We are loading the fiber drum with the 16.7 lbs of Beta Zeolite and then we are sucking it up with the wand.

#3 RC/ D-1798 NAQ: Continue on

Day shift: Calciner remained lit, continue as material available to feed.

Afternoon Shift: Continued to feed.

Midnight shift: Continue to feed.

Exhausting to CTO

Old Pfaudler – D 1795 done: Pfaudler and hopper rinsed.

Day Shift: **Hold.**

Afternoon Shift: Hold

Midnight shift: Hold

Tank 7 / AMT for D-1795 NAQ: Tank needs to be acid washed and cleaned out in order for IMC to repair level indicator. Please have this done by Monday.

Day shift: **Hold.** Work notification written to inspect and repair/recalibrate level indicator on tank. Tank was rinsed and totes off (2 totes), but still showing high tank level. Acid wash next as described above.

Afternoon Shift: No change.

Midnight shift: No activity.

New Pfaudler / Ni-2458 : Bill Grodecki: DO NOT make another batch until all of the first dip lots have been calcined. If this changes, Bill Grodecki will advise.

Day shift: Last toted material fed, batches on hold as described above.

Afternoon Shift: On hold.

Midnight shift: On hold.

Tank 6 / Ni Solution: Solution good to go. Change order sheet has been updated.

Day shift: Solution good

Afternoon Shift: No change.

Midnight Shift: No change.

National Dryer / Ni 2458 : Continue feeding / keep temperature close to 80 degrees.

Day shift: Last buggies fed

Afternoon shift: On hold.

Midnight shift: No activity.

#4 RC / Ni 2458: HOLD...Trimer issues (blower suction too low, actuated caustic valve to #2 recirc tank will not close, low gpm on #1 recirc tank). Work notification written for these items, along with separate work notification for verification of pH probe accuracy.

Day shift: See above

Afternoon Shift: On hold.

Midnight shift: On hold. Caustic valve was open in Tank 2 again.

Exhaust to Trimer

PK Blender / OxyVinyl Catoxid: Continue. Use 112 Bags. Bodmann making changes to Chrome needs.

Day shift: Did not make batches day shift, pumped out flooded building (5 + totes)

Afternoon Shift: Started making batches again.

Midnight shift: Making batches.

#5 RC / OxyVinyl Catoxid next: Continue feeding. We need to feed 3 batches in a row from the PK blender that are above batch 7083 and then begin alternating batches (1 batch above 7083, one batch below 7083). Fill out the #5 dust collector bag house sheet while running the chrome.

Day shift: Need – Inspected HEPA prior to starting feed

Afternoon Shift: Continued to run.

Midnight shift: Continue to run.

Exhaust to 5DC

Tower 3 / Cu-1986: Continue on. Should come down Sunday

Day shift: Continue

Afternoon shift:

Midnight Shift:

Tower 6 / E-474: Continue on. Should come down Sunday

Day shift: Continue...will load Cu 1986 next (per Art's production schedule)

Afternoon shift:

Midnight Shift: Preheater kicked out during 5 hour hold. After contacting the engineer (Grodecki) and based on having met the water make up in the process the decision was made to drop the tower. A work notification was written to have maintenance take a look at the preheater in the morning anyway – 933892412.

Additionally, a large leak from an overhead pipe has created a sheet of ice over the nitrogen lines and a couple of shut off valves. Another work notification has been written to replace the broken nitrogen line - 933892413. Remaining lines can be used.

Harrop Kiln - Al-3921 T 3/16: Down... saggars have been removed, screener parts at TK#2

Day shift: Down

Afternoon Shift: Down

Midnight Shift: Down.

North Screener / E 474: Continue on.

Day shift: Should be about done

Afternoon Shift: Screening of E-474 completed.

Midnight shift: No activity.

South Screener / Cu 1986: Continue on.

Day shift: 2-3 totes left

Afternoon Shift: Continued on. 1 tote left.

Midnight shift: Screening.

#6 - RC / D-0756: Will need to eventually clean the spiral, calciner and screener.

Day Shift: Down

Afternoon shift: Down

Midnight shift: Down

Exhaust to Sly Scrubber

Tunnel Kiln #2 / V-2045 is next: Start changing over the saggars on TK 2 to the vanadium saggars after we complete Tk4 job.

Day shift: Sagger change-over completed

Afternoon Shift:

Midnight shift:

Tunnel Kiln #4 / Cu-0540 done: Continue cleaning under belt, and begin breakdown and cleaning of screener.

Day shift: Still need to finish cleaning belt, breakdown and clean screener

Afternoon Shift: Continued clean up effort.

Midnight shift: Continue clean up effort.

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

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Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maintenance issues.

- 1) D-1798 NAQ Base – #3 MED/#3 RC
- 2) Reduction Towers, Specifically Tower 6 E-474 TRL reduction and screening. Continue to run Cu-1986 TRL through Tower 3.
- 3) Catoxid – PK
- 4) Ni-2458 E – West Pfaudler/National Dryer/#4RC
- 5) Catoxid – #5 RC
- 6) Cu-1230 E – #2 MED/#2 RC
- 7) Si-1624 E – #1 MED/#1 RC (scheduled start date is Monday, can be started earlier if labor is available)